

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2010; month=5; day=13; hr=10; min=40; sec=45; ms=296;]

=====

Application No: 10549707 Version No: 2.0

Input Set:

Output Set:

Started: 2010-05-10 10:11:37.849
Finished: 2010-05-10 10:11:40.731
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 882 ms
Total Warnings: 34
Total Errors: 0
No. of SeqIDs Defined: 34
Actual SeqID Count: 34

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2010-05-10 10:11:37.849
Finished: 2010-05-10 10:11:40.731
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 882 ms
Total Warnings: 34
Total Errors: 0
No. of SeqIDs Defined: 34
Actual SeqID Count: 34

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Kuwana, Masataka
Kodama, Hiroaki

<120> Monocyte-origin Multipotent Cell MOMC

<130> 1004316.009US (4439-4036)

<140> 10549707

<141> 2005-10-27

<150> PCT/JP2004/003680

<151> 2004-03-18

<160> 34

<170> PatentIn version 3.5

<210> 1
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> MLC2v-sense primer

<400> 1

t g a c a a g a a c g a t c t g a g a g

20

<210> 2
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> MLC2v-antisense primer

<400> 2

c a g g t t c t t g t a g t c c a a g t

20

<210> 3
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Osterix-sense primer

<400> 3

c t t g t g c c t g a t a c c t g c a c t

21

<210> 4

<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Osterix-antisense primer

<400> 4
tcactctacc tgaccgtca tc 22

<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Bone sialoprotein II-sense primer

<400> 5
aacacggcacc agtaccaaca 20

<210> 6
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Bone sialoprotein II-antisense primer

<400> 6
cccatcgtag ctttgtcctt 20

<210> 7
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Osteocalcin-sense primer

<400> 7
ggcagcgagg tagtgaagag ac 22

<210> 8
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Osteocalcin-antisense primer

<400> 8
ggcaaggggga agagggaaaga ag 22

<210> 9
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> SkM-MHC-sense primer

<400> 9
ataggaacac ccaaggccatc 20

<210> 10
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> SkM-MHC-antisense primer

<400> 10
tttgcgtaga cccttgacag 20

<210> 11
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Myogenin-sense primer

<400> 11
tggccttccc agatgaaacc 20

<210> 12
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Myogenin-antisense primer

<400> 12
gcatcgaaa gagaccagaa 20

<210> 13
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> alphas(II) collagen-sense primer

<400> 13
ttcagctatg gagatgacaa tc 22

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> alphal(II) collagen-antisense primer

<400> 14
agagtccctag agtgactgag 20

<210> 15
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> alphal(X) collagen-sense primer

<400> 15
aatcccttgg a cggctggaa ttc 23

<210> 16
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> alphal(X) collagen-antisense primer

<400> 16
ttgatgcctg gctgtcctgg acc 23

<210> 17
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> PPARgamma-sense primer

<400> 17
aggagcagag caaagaggta 20

<210> 18
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> PPARgamma-antisense primer

<400> 18
aggactcagg gtggttcagc 20

<210> 19
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> aP2-sense-primer

<400> 19
tatgaaaagaa gtaggagtgg gc 22

<210> 20
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> aP2-antisense-primer

<400> 20
ccaccaccag tttatcatcc tc 22

<210> 21
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> CD34-sense primer

<400> 21
cctcccaagt tttaggacaa 20

<210> 22
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> CD34-antisense primer

<400> 22
cagctggtga taagggttag 20

<210> 23

<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> CD45-sense primer

<400> 23
aacctgaagt gatgattgct g 21

<210> 24
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> CD45-antisense primer

<400> 24
tacctttctt gtttccgcac 20

<210> 25
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> CD14-sense primer

<400> 25
ctgcgtgtgc tagcgtactc 20

<210> 26
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> CD14-antisense primer

<400> 26
cgtccagtg caggatcc 20

<210> 27
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Cbfal/Runx2-sense primer

<400> 27
gtcttacccc tcctacctga 20

<210> 28
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Cbfal/Runx2-antisense primer

<400> 28
tgcctggctc ttcttactga 20

<210> 29
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> MyoD-sense primer

<400> 29
cctagactac ctgtccagca tc 22

<210> 30
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> MyoD-antisense primer

<400> 30
ggcgaaaaact tcagttctcc 20

<210> 31
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Sox-9-sense primer

<400> 31
cccgatctga agaaggagag c 21

<210> 32
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Sox-9-antisense primer

<400> 32
gttcttcacc gacttcctcc g 21

<210> 33
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> GAPDH-sense primer

<400> 33
tgaacgggaa gctcactgg 19

<210> 34
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> GAPDH-antisense primer

<400> 34
tccaccaccc tggcgatgtt 20